

# Converting Colors

Hex(91749C)

Have a look what the booklet for  
Hex(91749C) contains.

<b>Hex(91749C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(91749C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91749C
RGB	145, 116, 156
RGB Percent	57%, 45%, 61%
CMY	0.4314, 0.5451, 0.3882
CMYK	0.07, 0.26, 0.00, 0.39
HSL	284°, 17%, 53%
HSV	284°, 26%, 61%
XYZ	23.9232, 20.9108, 34.2278
YIQ	129.2310, 4.4440, 18.5880

# Conversions

## Conversions Part 2

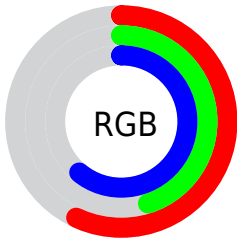
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 116, 156
Decimal	9532572
CIE <sub>Lab</sub>	52.85, 18.92, -17.28
CIE <sub>LCh</sub>	53, 25.621, 317.592
Yxy	20.9108, 0.3026, 0.2645
Android (android.graphics.Color)	4287722652 (0xFF91749C)
YUV	129.2310, 13.1971, 13.8294
Hunter-Lab	45.7284, 13.3592, -12.3689

# Details

The Hex color **91749C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7F9C74**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C7A8D3**, and **5E4469** is the 20% darker color. If you saturate the color by 10%, you get **8D649C**, and if you desaturate by 10%, it is **95849C**.

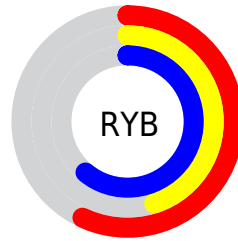
# Distribution



Red (57%)

Green (45%)

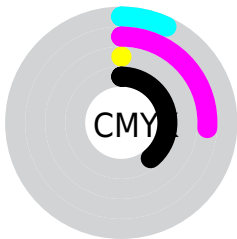
Blue (61%)



Red (57%)

Yellow (45%)

Blue (61%)

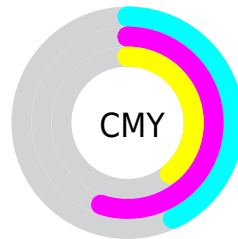


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (39%)



Cyan (43%)

Magenta (55%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91749C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 91749C by changing the saturation by 10% instead.



91749C

91749C

FFFFFF

775B82

C7A8D3

5E4469

E3C4EF

462D50

FFE0FF

2F1839

FFFCFF

1C0024

00000C

000000

91749C

91749C

8D649C

95849C

88559C

9A939C

84459C

9EA39C

80369C

A2B29C

7C269C

A6C29C

77169C

ABD29C

73079C

AFE19C

71009C

B3F19C

B8FF9C

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



747CA8



91749C



A46F88

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91749C



967A53



388A8B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91749C



7F9C74

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4D8A74



91749C



808154

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91749C



A5725F



678660



38889E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91749C



A96E79



678660



3E8A83



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91749C



C8BCCC



747F9C



635C66



E6E6E6



666666



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91749C



BB8DCC



9C7493



4D474F



68008F



0B000F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9C747F



CC8D9E



749C7D



4F4749



8F0027

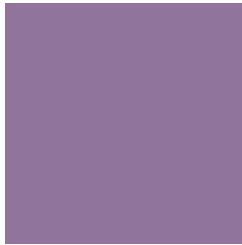


0F0004



# Previews

## White Background



This preview shows how the Hex color 91749C looks on a white background.

## Color Contrast Check

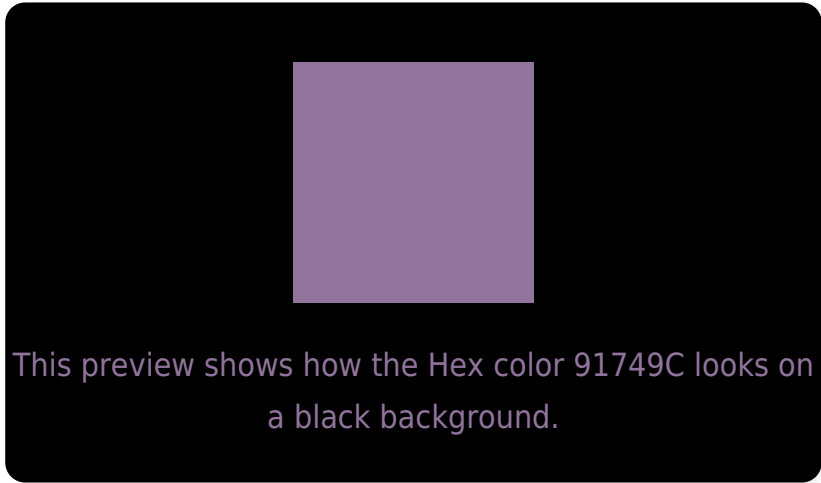
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

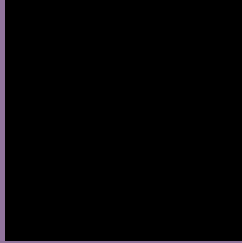
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91749C Background



This preview shows how black text looks on a background with the Hex color 91749C.

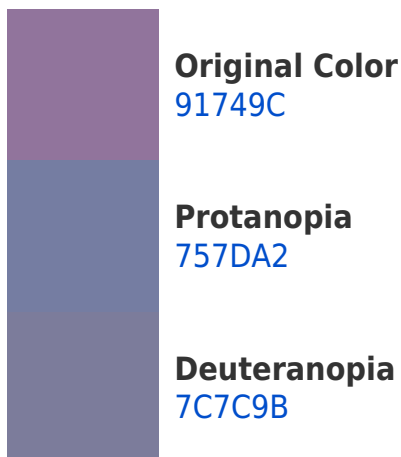


This preview shows how white text looks on a background with the Hex color 91749C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
8D7982

# Trichromacy



**Original Color**  
91749C

**Protanomaly**  
7F7AA0

**Deuteranomaly**  
84799B

**Tritanomaly**  
8E778B

# Monochromacy



**Original Color**  
91749C

**Achromatopsia**  
818181

**Achromatomaly**  
877C8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91749C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #91749C looks like.

```
.text, #text, p{  
    color:#91749C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #91749C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91749C
}
```

## Border

The CSS property to change the border of an element to Hex 91749C is called "border". The border property can be set on classes, ids or directly on the HTML element.

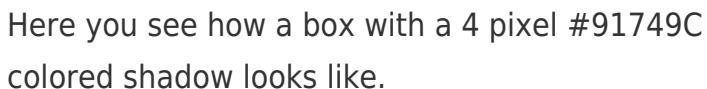
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91749C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#91749C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #91749C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91749C; -webkit-box-shadow:4px 4px  
4px 4px #91749C; box-shadow:4px 4px 4px  
4px #91749C }
```

# Background

The CSS property to change the background color of an element to Hex 91749C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91749C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#91749C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor